

# Take Command Of Your CNC Training!

with in-house video courses from CNC Concepts, Inc.

**“Anyone serious about learning CNC can view these videos and have an understanding of CNC programming and operation...”**

*“...The presentation was sequenced, organized, and easy to understand. We would highly recommend these courses to others who wish to learn CNC.”*

So writes **Roger Perry, Instructor** for Wilson Technical Community College in Wilson, North Carolina. And he's just one of many customers writing to tell us how our video courses have helped in their training programs:

*“...I have received several training videos from different suppliers.*

*Yours is the most comprehensive...”* **Jesse L. Sprayberry, Lead Instructor** for Muskegan Skill Training Center, Muskegan, Michigan.

*“...The course greatly helped my understanding of CNC. The instructor knew what he was doing and taught in a way that I could understand...”* **Bill Recchione, Machinist** for Econotool, Huntington Valley, Pennsylvania.

*“...We feel our money was well spent on these tapes...”* **Sharlene Winnegar, Corporate Secretary** for Winnegar, Inc.

Managers and students alike agree. Our courses make the difference. The student learns about sophisticated CNC equipment while management gains a proficient employee. It's a win-win situation any way you look at it!

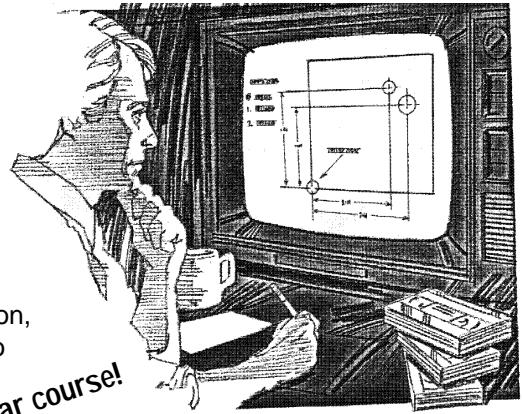
## Video course benefits:

**Comprehensive** - We start basic. Very basic. We assume the student has no previous experience with CNC. But as each course goes along, the presentations get progressively more advanced. At the completion of each course, the student will be ready to approach the CNC machine with confidence!

**Easy to use** - We take the headaches out of training. You can train on your premises during company time, or in the student's home on their own time. Each course comes with everything you need, including video tapes for programming and operation, programming manual, operation handbooks, practice exercises, and answers. There's even a time outline that shows the location of all key information on each tape. This is truly a complete training package that can be used over and over again!

**15 day money-back guarantee** - Still not convinced? You can view the course for fifteen days. If for any reason you elect to return the course, we will promptly refund your money. With an offer like that, how can you lose?

- ❖ Truly cost effective
- ❖ Train one or one hundred
- ❖ YOU decide who, where, when
- ❖ Five courses to choose from
- ❖ Include The Optional Stop Newsletter
- ❖ Free phone assistance
- ❖ Over 600 courses in use to date!



Our most popular course!



## Machining Center Programming & Operation

Course time: 15.5 hours

This comprehensive video course for Fanuc controlled machining centers uses our proven key concepts approach to teach CNC beginners the programming and operation of CNC machining centers as quickly and easily as possible. It consists of 24 easy to follow lessons averaging about 25 minutes each. Each lesson is comprised entirely of computer generated graphics and animations, making it easy for students to follow presentations and maintain concentration. After each lesson, the student is asked to do a practice exercise to confirm comprehension and retention. An answer book is also provided.

The course includes (10) video tapes, a tutorial programming manual, a facilitator's manual, a set of operation handbooks for all Fanuc controls covered, and a time outline that shows what is covered in the course minute by minute. We also include a free subscription to our technical newsletter, *The Optional Stop*, with every video course purchase.

**Fanuc controls covered include:** 0M, 0MB, 0MC, 3M, 6M, 6MB, 10M, 11M, 15M, 16M, 18M, 20M, 21M, and all current controls

**FVC-MCPO** .....Machining center programming & operation ..... **\$1,779.00**  
**FVC-MCPO-M** Extra manuals (ea)..... **\$60.00**



## Turning Center Programming & Operation

Course time: 11 hours, 40 minutes

This comprehensive video course for Fanuc controlled turning centers uses our proven key concepts approach to teach CNC beginners programming and operation for turning centers as quickly and easily as possible. It consists of 28 easy to follow lessons averaging about 20 minutes each. Each lesson is comprised entirely of computer generated graphics and animations, making it easy to follow presentations and maintain concentration. After each lesson, the student is asked to do a practice exercise to confirm comprehension and retention. A full set of answers is also provided.

The course includes (7) video tapes, a tutorial programming manual, a G & M codes handbook for easy reference, a set of operation handbooks for all Fanuc controls covered, and a time outline that shows what is covered in the course minute by minute. We also include a free subscription to our technical newsletter, *The Optional Stop*, with every video course purchase.

**Fanuc controls covered include:** 0T, 0TB, 0TC, 3T, 6T, 6TB, 10T, 11T, 15T, 16T, 18T, and all current controls.

**FVC-TCPO** .....Turning center programming & operation ..... **\$1,449.00**  
**FVC-TCPO-M** Extra manuals (ea)..... **\$79.00**



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 Internet: <http://www.cncci.com> email: [lynch@cncci.com](mailto:lynch@cncci.com)



## Four Axis Turning Center Programming

Course time: 9 hours

This video course utilizes a classroom setting to address what is commonly accepted as the most difficult CNC machine to program and operate. The video presentation starts with a basic foundation, explaining the most important programming differences between two and four axis turning centers. From there, the bulk of discussions address four axis applications, including shaft work, chucker work, bar work, and even sub-spindles as they apply to four axis turning centers. A working knowledge of 2 axis turning center programming is a prerequisite for this course.

This course includes (5) video tapes, programming manual, time outline, practice exercises, answer programs and a subscription to our technical newsletter, *The Optional Stop*.

**Fanuc controls covered include:** 0TTC, 6TC, 11TT, 15TT, 16TT, & 18TT

**FVC-4XTCP** ..... Four axis turning center programming..... **\$797.00**

**FVC-4XTCP-M** Extra manuals (ea)..... **\$79.00**



## Custom Macro Programming

Learn the best kept secret of CNC!

Course time: 9.5 hours

Long considered the most sophisticated programming feature of the Fanuc control, it is also one of Fanuc's best kept secrets. It is truly amazing what can be done with this powerful programming tool when you understand the implications of its use.

This comprehensive 9.5 hour course teaches custom macro (version A and B) from the ground up. Though we do assume the student understands standard CNC programming prior to viewing this course, we assume nothing when it comes to custom macro. Not only do we show the features of custom macro, we show the implications of when each feature can be utilized. Equal emphasis is applied to both machining center as well as turning center applications of custom macro.

This course includes (5) video tapes, programming manual, quick reference card, time outline, practice exercises and answers. You also receive a variety of pre-written custom macros to help you understand the usage of custom macro and a subscription to our technical newsletter, *The Optional Stop*.

**Covered versions:** Version A and Version B

**FVC-CM** ..... Custom macro Programming..... **\$797.00**

**FVC-CM-M** ..... Extra manuals (ea)..... **\$79.00**



## Conversational Turning Center Programming & Operation

Course time: 15 hours

This is the ideal course for those shops that have a conversational (FAPT) turning center but underutilize the machine because they don't understand how to program in conversational format. A conversational turning center used to its fullest advantage will save countless man-hours.

This video course utilizes a classroom environment and is broken into three sections. In the programming section, we thoroughly cover the four steps to inputting conversational programming. In the operation section, students will be shown how to operate the NC side of conversational controls. And in the advanced techniques section, we will show many shortcuts to programming even complicated jobs.

Along the way, the student will be asked to do several practice exercises right on your own control in order to confirm understanding and retention. In many cases, answers to practice programs are shown on the video.

The course includes (8) video tapes, programming manual, a set of operation handbooks, exercises, answers, time outline, and a free subscription to our newsletter, *The Optional Stop*.

**Fanuc controls covered include:** 3TF, 10TF, & 15TF

**FVC-CTCPO**..... Conversational turning center programming & operation..... **\$898.00**

**FVC-CTCPO-M** Extra manuals (ea)..... **\$79.00**

### Partial Users List of CNC Concepts, Inc. Products

- |                                |                                    |
|--------------------------------|------------------------------------|
| . ASK Research                 | . General Motors Corporation       |
| . A.O. Smith                   | . Goodyear Tire & Rubber Company   |
| . Aeroflex Laboratories, Inc.  | . Gould Incorporated               |
| . Aerojet General              | . Harley Davidson Company          |
| . Anderson Technical Institute | . Honda of America                 |
| . AT&T                         | . IBM Corporation                  |
| . Babcock & Wilcox             | . Ingersol Rand Company            |
| . Bendix Corporation           | . John Deere                       |
| . Boeing Aerospace             | . Linn Technical Institute         |
| . Caterpillar Inc.             | . Los Alamos National Laboratories |
| . Cleveland Twist Drill        | . Mazda Motor Company              |
| . Dielectric Corporation       | . OMC Andrews                      |
| . E.I. Dupont                  | . Parker Hannifin                  |
| . Eaton Corporation            | . REM Sales Company                |
| . Fanuc U.S.A. Corporation     | . Westinghouse                     |
| . Ford Motor Company           | . White Automation                 |
| . G.E. Fanuc                   | . University of Wisconsin          |

## CNC Mini-Vids!

Finding information on certain CNC topics has always been difficult - until now. Our collection of short videos will let you learn what you need to know without having to attend full CNC courses and seminars. In many cases, information included in these Mini-Vids cannot be found anywhere else! These concise Mini-Vids are designed to acquaint you with the topics they address as quickly & effectively as possible. You can view them in about an hour to get a good working knowledge of selected topics.

### • Setup Time Reduction For CNC

playing time: 60 minutes - \$179.00

### • Cycle Time Reduction For CNC

playing time: 90 minutes - \$179.00

### • Introduction To Probing

playing time: 82 minutes - \$197.00

### • Introduction To Custom Macro

playing time: 50 minutes - \$179.00

### • Machining Center Machining Operations

playing time: 55 minutes - \$179.00

### • Introduction To Fanuc Parameters

playing time: 65 minutes - \$179.00

### • Live Tooling For Turning Centers

playing time: 65 minutes - \$179.00



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